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Europäisches  
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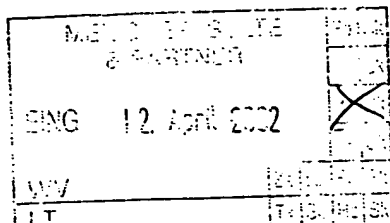
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Anmelder/Applicant/Demandeur/Patentinhaber/Propriétaire/Titulaire <b>MICROSOFT CORPORATION</b>	

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☐ abstract

☒ title

☒ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 1

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number  
EP 01 11 1681

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (InLCI.7)
A	US 5 991 802 A (FERNANDES VINCENT ET AL) 23 November 1999 (1999-11-23) * the whole document *	1-28	G06F9/44
A	WO 98 21651 A (DSC TELECOM LP) 22 May 1998 (1998-05-22) * the whole document *	1,8-10, 14,21, 27,28	
A	"Chapter 6 Session Management Service" SERVER-SIDE JAVASCRIPT GUIDE, 'Online! 1999, pages 125-166, XP002193608 Retrieved from the Internet: <URL:http://developer.netscape.com/docs/ma nuals/ssjs/1_4/ssjs.pdf> 'retrieved on 2002-03-19! * the whole document *	1,8-10, 14,21, 27,28	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G06F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19 March 2002	Examiner Michel, T
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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EPO FORM 1503 03 82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 11 1681

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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19-03-2002

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5991802	A	23-11-1999	NONE		
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WO 9821651	A	22-05-1998	AU	5355098 A	03-06-1998
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## ABSTRACT / ZUSAMMENFASSUNG / ABREGE

01111681.1

A server-side control object processes and generates a client-side user interface element for display on a web page. Multiple server-side control objects may be combined into a hierarchy of server-side control objects that cooperate to generate the resulting authoring language code, such as HTML, for display of a web page on a client. The operation of processing the client-side user interface element may include at least one of an event handling operation, a postback data handling operation, a data binding operation, and a state management operation. The state management operation relates to the state of a server-side control object.